

Re: Letter to Citizens of Goliad County - my comments



Ray Leissner to: Stacey Dwyer

Cc: Philip Dellinger

Ray Leissner/R6/USEPA/US From:

Stacey Dwyer/R6/USEPA/US@EPA To: Cc: Philip Dellinger/R6/USEPA/US@EPA

Stacev.

I would like to offer a comment on the following statement in the draft letter below. "Based on the data provided by UEC from pump tests and ground water elevation data, the four sands are expected to be hydraulically isolated from existing water wells, and the ground water in the area flows away from the wells. Additionally, the tests found that ground water does not flow from the mining area to existing water wells."

EPA only received the results of 2 pump tests as I recall. One 13 hour test over the B sand and one 3.5 hour test across the NW fault. Besides indicting what they indicate, (which isn't supportive) these tests do not show any information related to the direction of GW flow. They can't. There is no way to tell anything about the direction of GW flow from a pump test. The direction of GW flow was gleaned by evaluating fluid level measurements over the B sand. EPA extended this finding to the wells of concern.

I suggest the sentences read: "Based on the data provided by UEC from pump tests and ground water elevation data, the water in the four sands exempted aguifer is are expected to be hydraulically isolated from existing water wells. and the ground water in the area flows awayfrom the wells. Additionally, the tests Ground water elevation data provided do not indicate found that ground water does not flows from the mining area towards existing water wells.

Ray Leissner, Env. Eng. Ground Water / UIC Section (6WQ-SG) (214) 665 - 7183 USEPA, Region 6

The FIRST STEP in protecting your ground water is to have your well tested.

Stacey Dwyer Bill, Here is a rewrite of the original letter to the c... 12/06/2012 08:47:55 AM

Stacey Dwyer/R6/USEPA/US From: William Honker/R6/USEPA/US@EPA To:

Wren Stenger/R6/USEPA/US@EPA, Ray Leissner/R6/USEPA/US@EPA, David Cc:

Gillespie/R6/USEPA/US@EPA

Date: 12/06/2012 08:47 AM

Subject: Letter to Citizens of Goliad County

Here is a rewrite of the original letter to the citizens. I've incorporate all your comments. Let me know what you think.

12/06/2012 01:29 PM